

# EARN CASH & COLLEGE CREDIT!



## ACS NUCLEAR & RADIOCHEMISTRY UNDERGRADUATE SUMMER SCHOOLS

San Jose State University, San Jose, CA  
and  
Brookhaven National Laboratory, Upton, Long Island, NY



The Division of Nuclear Chemistry and Technology of the American Chemical Society (ACS) is sponsoring two **INTENSIVE** six-week Summer Schools in Nuclear and Radiochemistry for undergraduates. Funding is provided by the U.S. Department of Energy.

### AWARDS

**Fellowships include a \$3,000 stipend**, all tuition and fees, transportation to and from the Summer School, housing, books, and laboratory supplies. Six units of transferable college credit will be awarded through the ACS accredited chemistry programs at San Jose State University or the State University of New York at Stony Brook.

### QUALIFICATIONS

Candidates should be undergraduates who will be entering their junior or senior year in the Fall of 2003. They should have completed at least two years of chemistry, one year of physics, and one year of calculus. Preference will be given to entering seniors. Applicants must be U.S. citizens or resident aliens.

### SELECTION

The Summer Schools are limited to 12 students at each site. Announcement of awards will be made in early spring 2003. The summer school session will be June 15, 2003 through July 26, 2003.

### COURSE DESCRIPTION

The course will consist of both lecture and laboratory work on the fundamentals of nuclear science and applications to related fields. In addition to the formal instruction, the course will include a Guest Lecture Series and tours of nearby research centers at universities and National Laboratories. There will also be a special nuclear medicine symposium. Thus the student will meet and interact with prominent research scientists working in nuclear and radiochemistry, nuclear medicine, and related fields.

### FUTURE RESEARCH OPPORTUNITIES

Participants in the 2003 Summer Schools will be encouraged to join a research project during the following summer at a university or federal research institution. Considerable personal assistance will be provided to secure summer positions and admission to Ph.D. and M.D. programs at leading universities.

An "**Outstanding Student**" is selected from each summer school site and will be invited to attend the fall national meeting of the American Chemical Society with expenses paid.

**Gregory Severin** of the **University of Illinois** from the SJSU school and **Stephen Hobbs** of **Vanderbilt University** from the BNL school were named as the "Outstanding Students" in the 2002 summer schools and attended the Boston national ACS meeting.

#### For more information contact:

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Completed applications must  
be received no later than  
**February 1, 2003**

More information & downloadable forms available at:  
<http://www.cofc.edu/~nuclear/nukess.html>